

## PATENT COOPERATION TREATY

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

## (PCT Article 36 and Rule 70)

Applicant's or agent's file reference 1541-PCT	FOR FURTHER ACTION      See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US02/41605	International filing date (day/month/year) 23 December 2002 (23.12.2002)	Priority date (day/month/year) 01 January 2002 (01.01.2002)
International Patent Classification (IPC) or national classification and IPC IPC(7): B21D 5/08, 19/02, 31/06 and US Cl.: 29/243.57, 243.58, 275; 72/386, 456, 457, 479, 480		
Applicant TRUEIT, GERALD D.		

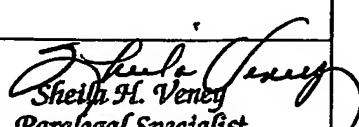
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 3 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 4 sheets.

3. This report contains indications relating to the following items:

- I  Basis of the report
- II  Priority
- III  Non-establishment of report with regard to novelty, inventive step and industrial applicability
- IV  Lack of unity of invention
- V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI  Certain documents cited
- VII  Certain defects in the international application
- VIII  Certain observations on the international application

Date of submission of the demand 26 August 2003 (26.08.2003)	Date of completion of this report 06 May 2004 (06.05.2004)
Name and mailing address of the IPEA/US Mail Stop PCT, Attn: IPEA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer  David B Jones Telephone No. 703-308-1148

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US02/41605

**I. Basis of the report**

## 1. With regard to the elements of the international application:\*

 the international application as originally filed. the description:pages 1-6 as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_. the claims:pages 8 and 9, as originally filedpages NONE, as amended (together with any statement) under Article 19pages NONE, filed with the demandpages 7 and 7a, filed with the letter of 02 February 2004 (02.02.2004) the drawings:pages NONE, as originally filedpages 1 and 2, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_. the sequence listing part of the description:pages NONE, as originally filedpages NONE, filed with the demandpages NONE, filed with the letter of \_\_\_\_\_.

## 2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is:

 the language of a translation furnished for the purposes of international search (under Rule 23.1(b)). the language of publication of the international application (under Rule 48.3(b)). the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

## 3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

 contained in the international application in printed form. filed together with the international application in computer readable form. furnished subsequently to this Authority in written form. furnished subsequently to this Authority in computer readable form. The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished. The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4.  The amendments have resulted in the cancellation of: the description, pages NONE the claims, Nos. NONE the drawings, sheets/fig NONE5.  This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).\*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.  
PCT/US02/41605**V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. STATEMENT**

Novelty (N)                      Claims 1-14 YES  
                                      Claims NONE NO

Inventive Step (IS)              Claims 1-14 YES  
                                      Claims NONE NO

Industrial Applicability (IA)    Claims 1-14 YES  
                                      Claims NONE NO

**2. CITATIONS AND EXPLANATIONS**

Claims 1-14 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a door skin hammer including an anvil and a striking head mountable on an opposite sides of a vehicle door skin edge so as to fold said door skin edge about a door edge. Further the prior art fails to teach an anvil equipped with a resilient bed member.

Claims 1-14 meet the criterion set out in PCT Article 33(4), and thus meets the industrial applicability because the subject matter claimed can be made or used in industry.

----- NEW CITATIONS -----

10/500 199

WO 03/101640

PCT/US02/41605

1/2

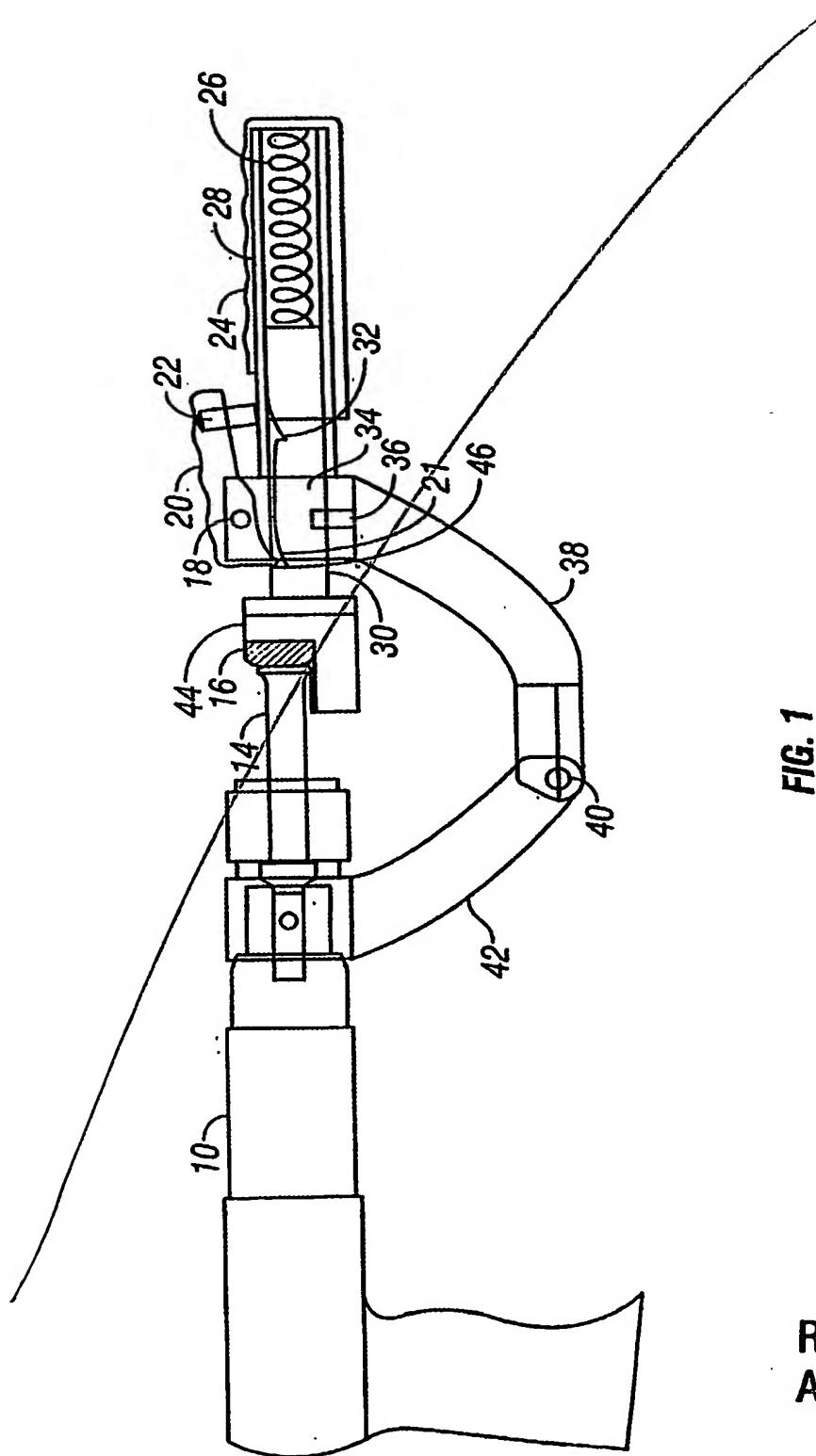


FIG. 1

REPLACED BY  
ART 34 AMDT

SUBSTITUTE SHEET (RULE 26)

2/2

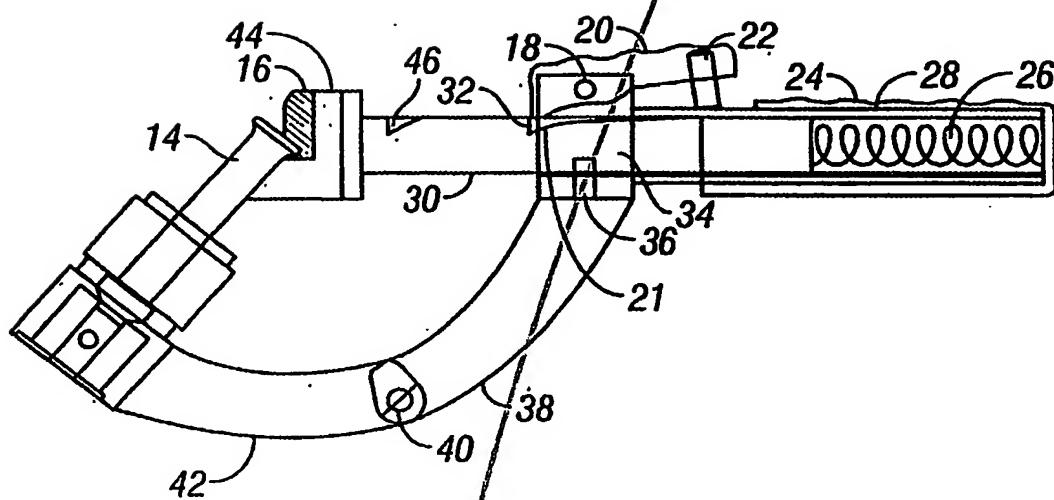


FIG. 2

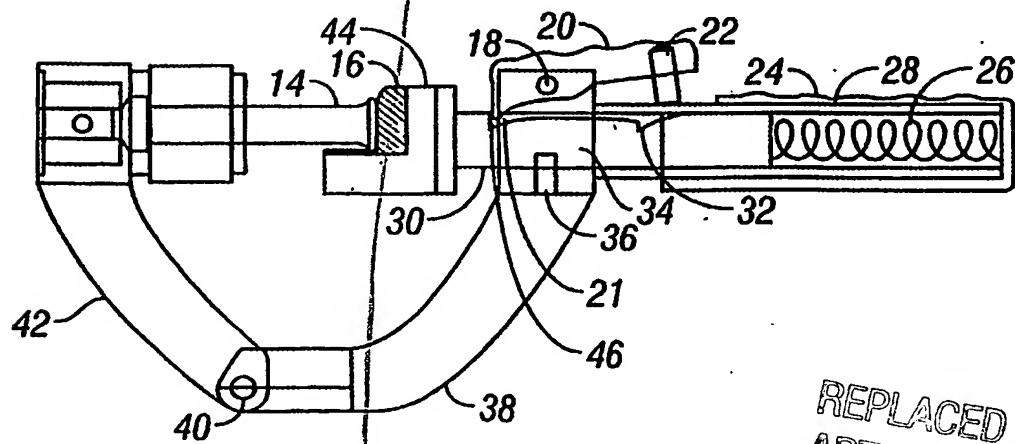


FIG. 3

What is claimed is:

1. Door skin hammer apparatus adapted for activation by a conventional pneumatic door hammer comprising:

a frame supporting an axially slideable striking hammer having a head adapted to mate with an anvil equipped with a resilient bed member;

means for selectively mounting the striking hammer in one of two operative positions as crimping of a vehicle door skin edge progresses from an angle of approximately 90° to the generally planar shape of the door skin to a finished fully-folded shape encasing the door edge;

the first position being established at a selected angle between the approximately ninety-degree initial configuration of the door skin edge and 90° to the plane of the door skin; and

the second position being established at an angle essentially perpendicular to the plane of the door for achieving complete crimping of the door skin to the door frame.

2. The apparatus of claim 1 wherein said selected angle for said first position is essentially 45°.

3. The apparatus of claim 1 wherein said frame comprises an upper body head for coupling to said air hammer and a hollow lower body head coupled to the upper body head by a pair of mutually adjustable arms mounted in a configuration to maintain said anvil in alignment with said striking hammer.

4. The apparatus of claim 3 wherein said anvil is fixed on the end of a shaft which is slideable within said hollow lower body head between positions defined by a pair of latching recesses on said shaft.

5. The apparatus of claim 4 further comprising a hollow handle attached to said lower body head, said hollow

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ART 3A MDT